CLAIMS

1   1. A method of reporting availability of a plurality of servers, said method comprising

2   the steps of:

3   for each of said plurality of servers, periodically searching a log file for indication of a

4   crash or shutdown or start;

5   computing the time said crash or shutdown or start occurred;

6   sending said time and indication as an e-mail to a database on a server;

7   calculating the duration of downtime for each said crash or said shutdown;

8   for each server, sorting said e-mail by order received; and

9   displaying for each of said plurality of servers, said duration of downtime in said

10   order.

1   2. A method according to Claim 1, wherein:

2   the sending step includes the step of sending said e-mail to a database on a pre-

3   identified one server; and

4   the sorting step includes the step of sorting said e-mail by order received by said pre-

5   identified one server.

1   3. A method according to Claim 1, wherein:

2   each of the plurality of servers includes an e-mail function; and

3   the sending step includes the step of, each server using its e-mail function to send the

4   time and indication to said database.

1   4. A method according to claim 1, wherein:

2   the sending step includes the step of sending said e-mail to a database on e pre-

3   identified one server; and

4   the displaying step includes the step of, said one server, issuing a report showing said

5   durations of downtimes.

1   5. A method according to Claim 1, wherein:

2   the searching step includes the step of, each of said plurality of servers, searching a log

3   file on said each server for said indication; and

4   the computing step includes the step of each of said plurality of servers computing the

5   time said crash or shutdown or start of said each server occurred.

1   6. A system for reporting availability of a plurality of servers, said method

2   comprising:

3   means for periodically searching, for each of said plurality of servers, a log file for

4   indication of a crash or shutdown or start;

5   means for computing the time said crash or shutdown or start occurred;

1   means for sending said time and indication as an e-mail to a database on a server;

2   means for calculating the duration of downtime for each said crash or said shutdown;

3   means for sorting, for each server, said e-mail by order received; and

4   a display means for displaying for each of said plurality of servers, said duration of

5   downtime in said order.

1   7. A system according to Claim 6, wherein:

2   the sending means includes means for sending said e-mail to a database on a pre-

3   identified one server; and

4   the sorting means includes means for sorting said e-mail by order received by said pre-

5   identified one server.

1   8. A system according to Claim 6, wherein:

2   each of the plurality of servers includes an e-mail function; and

3   each server using its e-mail function to send the time and indication to said database.

1   9. A system according to claim 6, wherein:

2   said e-mail is sent to a database on a pre-identified one server; and

3   said one server includes means for issuing a report showing said durations of

4   downtimes.

1   10. A system according to Claim 6, wherein:

2   the searching means includes means, on each of said plurality of servers, for searching

3   a log file on said each server for said indication; and

4   the computing means includes means on each of said plurality of servers, for

5   computing the time said crash or shutdown or start of said each server occurred.

1   11. A program storage device readable by machine, tangibly embodying a program of

2   instructions executable by the machine to perform method steps for reporting

3   availability of a plurality of servers, said method steps comprising:

4   for each of said plurality of servers, periodically searching a log file for indication of a

5   crash or shutdown or start;

6   computing the time said crash or shutdown or start occurred;

7   sending said time and indication as an e-mail to a database on a server;

8   calculating the duration of downtime for each said crash or said shutdown;

9   for each server, sorting said e-mail by order received; and

10   displaying for each of said plurality of servers, said duration of downtime in said

11   order.

1   12. A program storage device according to Claim 11, wherein:

2   the sending step includes the step of sending said e-mail to a database on a pre-

3   identified one server; and

4   the sorting step includes the step of sorting said e-mail by order received by said pre-

5   identified one server.

1   13. A program storage device according to Claim 11, wherein:

2   each of the plurality of servers includes an e-mail function; and

3 the sending step includes the step of, each server using its e-mail function to send the

4 time and indiction to said database.

1 14. A program storage device according to claim 11, wherein:

2 the sending step includes the step of sending said e-mail to a database on e pre-

3 identified one server; and

4 the displaying step includes the step of, said one server, issuing a report showing said

5 durations of downtimes.

1 15. A program storage device according to Claim 11, wherein:

2 the searching step includes the step of, each of said plurality of servers, searching a log

3 file on said each server for said indication; and

4 the computing step includes the step of each of said plurality of servers computing the

5 time said crash or shutdown or start of said each server occurred.

1 16. A method of reporting availability of a plurality of servers, said method

2 comprising the steps of:

3 for each of said plurality of servers, periodically searching a log file for an indication

4 of the occurrence of each of a group of defined conditions for the server;

5 computing the time of occurrence of the group of defined conditions;

6 sending said time and said indication, as electronic mail, to a database on a reporter

7 server;

8 for each of a subset of the group of defined conditions, calculating the duration of time

9 the server is in each of said subset of conditions;

10 for each server, sorting the electronic mail by order received by the reporter server;

11 and

12 for each of the plurality of servers, displaying in said order, the duration of time the

13 server is on said subset of conditions.

1   17. A method according to Claim 16, wherein the group of conditions includes a crash

2   of the server, a shutdown of the server, and a start of the server.